

Amendments to the Specification

Please add the following section before the Field of the Invention Section:

Reference(s) to Related Application(s)

The present application claims priority from provisional application, Serial No. 60/179,911, entitled "A COMMUNICATION SYSTEM TRANSMIT POWER CONTROL METHOD," filed February 3, 2000, which is commonly owned and incorporated herein by reference in its entirety.

Please replace the paragraph starting on page 3, line 12 with the following paragraph:

In the method, the OLT is adjusted based on frame quality indicator (FQI) and channel quality metrics. FQI and channel quality ~~metrics~~ metrics are generated at the receiver of a base transceiver station after reception of a frame. If FQI equal to a logic zero was generated, the OLT is adjusted upwards using a first stepsize. If FQI equal to a logic one was generated for a certain amount of consecutive frames, the OLT is adjusted downwards using a second stepsize. The OLT is also fine-tuned during the intervals between the transitions caused by applying the first stepsize or second stepsize. The first and second stepsizes and the amount of consecutive frames of FQI = 1 before OLT is adjusted downwards are determined adaptively according to time-varying channel conditions and received frame quality indicator.